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REPORT NO

TOPIC Oranienburg Airfield

25X1A

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EVALUATION see below

PLACE OBTAINED

DATE OF CONTENT

DATE OBTAINED

REFERENCES

PAGES 3 ENCLOSURES (NO. & TYPE) 3 - three sketches on ditto

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REMARKS

REFERENCE COPY**DO NOT CIRCULATE**

SOURCE

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1. On 18 April 1951 about noon, individual twin-jet aircraft circled over the Bernau (N 53/Z 96) area at an altitude of about 800 meters. Description of the aircraft is as follows: Wings fitted between the nose and tail when seen from below, at a angle to the rear, wing tips squared-off, engines about half as long as fuselages and almost as thick as the fuselage, fuselage not pointed at tail but rounded, elevator assembly set high, leading edges swept back. (1)

2. On 19 April, there was no flying at the Oranienburg airfield because of wind and rainy weather. The Germendorf-Oranienburg railroad line had a spur track which led to the northern edge of the field. The siding branched off, one track led to the south and the other to the east. A fuel container, similar to a large railroad tank car, was mounted on a brick pedestal, about 2 meters high, just north of the branch track leading to the east. Soviet soldiers were seen in camouflaged trenches along the road which ran on the northern edge of the field. They checked passing civilians. Passenger cars

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the latter occupied by six air force officers, and truck were seen at the entrance to the field.

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3. On 22 April, there was no flying between 10 a.m. and 4:30 p.m. except for one biplane on a local flight. The weather was good. The following features were observed on about 30 jet bombers parked at the field: Two jet engines in the wings, close to the fuselage, projecting more beyond trailing edge of wings than beyond leading edge, engine tapering to the rear, air intake and air exhaust covered with red protecting caps, cockpit in front of wings, elevator and rudder assemblies similar to those of MiG-15 plane, nose wheel,

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Soviet star on fuselage and on the upper portion of the rudder assembly. No antennas were seen. Some aircraft were painted silver, others dark olive drab. High ladders were seen leaning against several planes. (2)

4. A Dumbo radar set, about 10 meters high, was located on the eastern edge of the field, directly on the bank of the canal. It rotated in one direction at irregular intervals. (3)
5. The exact course of the runways could not be determined. A new runway was probably under construction on the western edge of the field, since about 30 laborers were digging there and two steam rollers were in use. (3)
6. On 21 April between 3:30 and 7 p.m. about 15 twin-jet aircraft were parked at the field. The planes had a nose wheel, and a cockpit on top of the front section of the nose. The shape of their rudder assemblies was similar to that of the jet fighter with swept-back wings. A dark two-digit number was seen below the red Soviet star on the upper section of the rudder assemblies. Some planes had a dark brown cover. The exact number of aircraft could not be determined since the planes were arranged in such a way as to cover the least possible parking space.
7. Three radio installations were seen at the field. One radio installation, a Dumbo radar set, was located in the north-eastern corner of the field. It did not rotate during the time of observation. Two wooden huts were west of this radio installation. A cable, connected to the power transmission lines at the Oranienburg-Berlin highway, led to the installation. (4) The second radio installation was in the eastern section of the field, between the canal and the runway. There was a mast about 8 meters high from which a single antenna led to another mast, about 6 meters high. A wire led from the higher mast to a radio cabin. The third radio installation, which consisted of four braced metal masts about 6 meters high, was located south of the second installation, in the eastern section of the field. The masts were interconnected by a single antenna. In the middle of the square of masts there was a wooden hut about 2 meters high. A vertical rod about 2 meters long protruded from the northwestern corner of this hut. No wires were seen leading from the masts to this rod.
8. The westernmost section of the field was being rolled. Two tank trucks without numbers were parked north of the hangar. (5)
9. On 23 April, at least six twin-engine jet bombers flew over Oranienburg between 7 and 11 a.m. The planes were considerably slower than jet fighters with swept-back wings. The

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following features were observed: Nose wheel, engines were under the wings and projected more beyond the leading edges than the trailing edges of the wings, plexiglass nose except for small recess which was apparently of metal, large rudder assemblies fuselages protrude beyond the rudder assemblies, elevator assemblies dihedral and swept-back. (6)

10. On 24 April, six twin-engine jet bombers were parked in front of the assembly shop at the field at about 10 a.m. Two of the planes were covered with gray-green tarpaulins. No numbers could be seen on the aircraft from a distance of about 500 meters. Many conventional aircraft were parked in the area northeast of the hangar. There was no flying.
11. A Dumbo radar set about 10 meters high was emplaced on the northeastern edge of the field, about 30 meters west of the canal. A factory installation located north of the field in the triangle formed by the railroad line, the road, and the canal, was occupied by Soviet Air Force troops. Many officers and EM were seen entering and leaving the factory.

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Comments.

- (1) For source's sketch of plane seen from below, see Annex 1. The aircraft are probably assigned to a unit stationed in Oranienburg. It has not been determined whether these planes belong to a new unit or whether the bomber regiment equipped with PE-2s and previously stationed in Oranienburg is being re-equipped with this new jet aircraft type. The latter assumption is believed more probable.
- (2) For source's sketch of plane seen from the side, Annex 1 and for his location of Dumbo radar set, see Annex 2.
- (3) Paragraphs 3, 4 and 5 contain supplementary information to a previous report by the same source. 25X1A
- (4) This set was set up at about the same time that new jet aircraft arrived in Oranienburg. No Dumbo set was observed before.
- (5) The auxiliary antenna on top of the hut indicates that the radio installation is probably an Adcock DF. Paragraphs 6, 7 and 8 supplement a previous report by the same source. 25X1A
- (6) For source's sketch of plane seen from below, see Annex 3.

3 Annexes: 3 - three sketches on ditto.

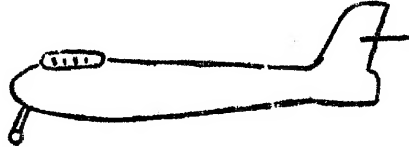
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Twin-Jet Plane Seen at Oranienburg Airfield

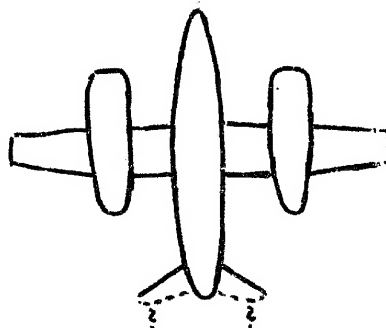
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Side view



Shape and position of wings
could not be seen

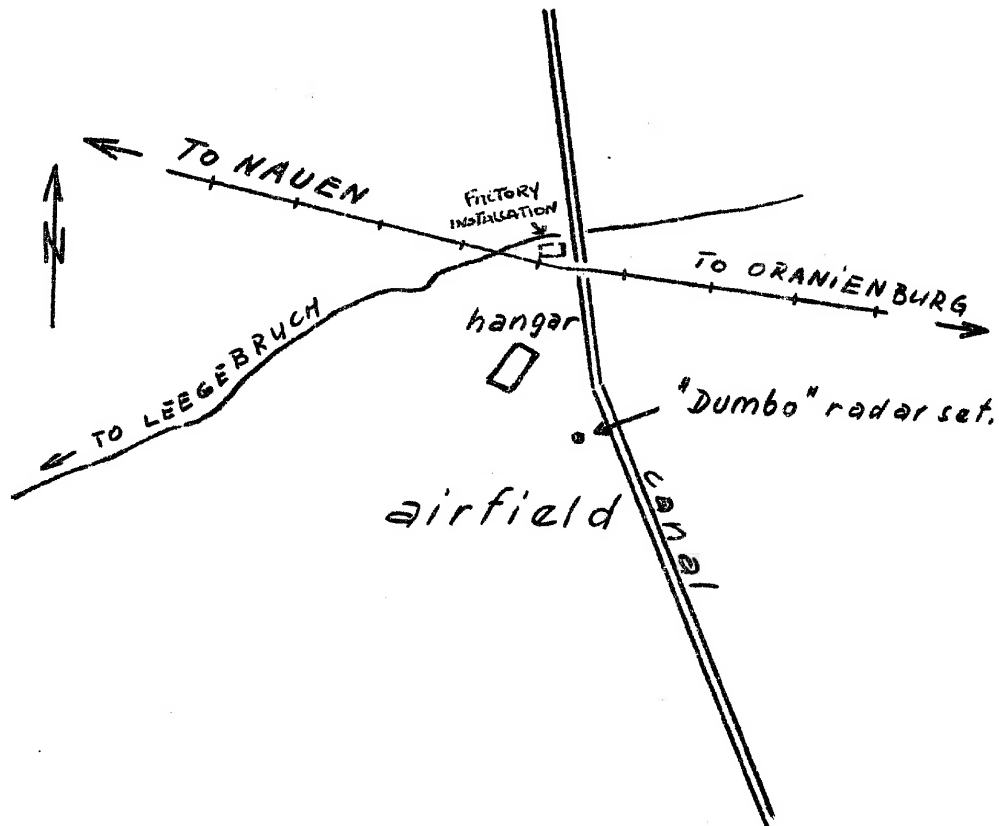
View from below





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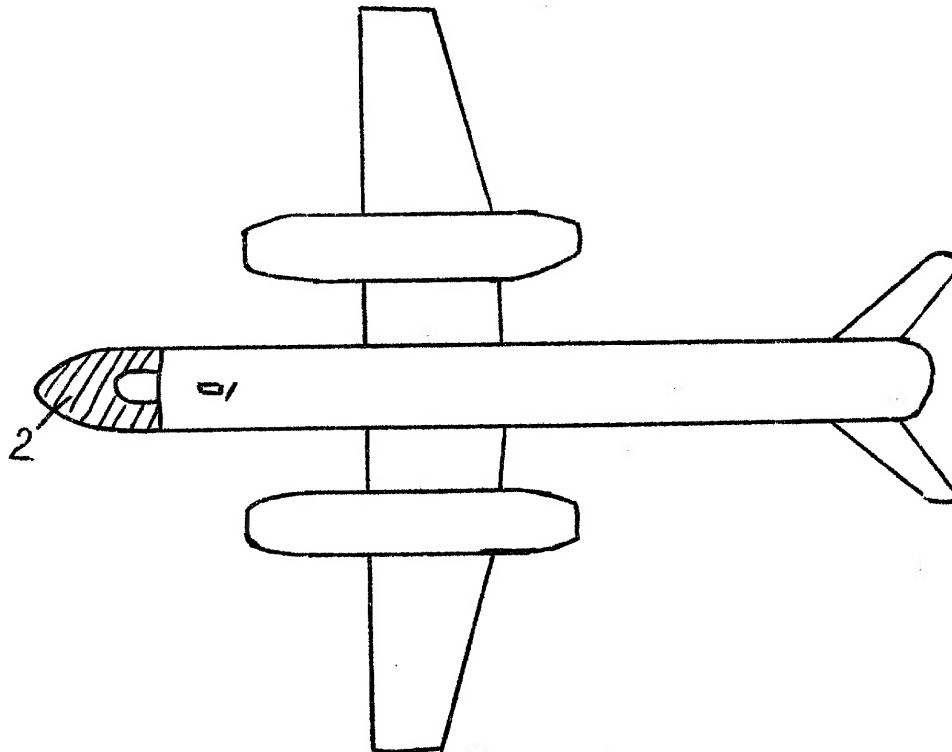
Location of Dumbo Radar Set Seen at Oranienburg Airfield





Twin-Jet Bomber Seen at Oranienburg Airfield

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Legend:

- 1. Nose wheel
- 2. Plexiglass section